

LONDON- WEST MIDLANDS ENVIRONMENTAL STATEMENT

Volume 5 | Technical Appendices

CFA11 | Stoke Mandeville and Aylesbury

Impact assessment tables (CH-003-011)

Cultural heritage

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Department
for Transport

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1 Introduction

1.1 Structure of the cultural heritage appendices

1.1.1 The cultural heritage appendices for the Stoke Mandeville to Aylesbury community forum area (CFA11) comprise:

- baseline reports (Volume 5: Appendix CH-001-011);
- a gazetteer of heritage assets (Volume 5: Appendix CH-002-011);
- an impact assessment table (this appendix); and
- survey reports (Volume 5: Appendix CH-004-011);

1.1.2 Maps referred to throughout the cultural heritage appendices are contained in the Volume 5, Cultural Heritage Map Book.

1.2 Impact assessment

1.2.1 Table 1 presents information on the impacts on all identified heritage assets and the likely resultant environmental effects, taking into account agreed mitigation measures. Details on the assignment of values and the assessment of the scale of impacts are set out in the Scope and Methodology Report (Volume 5: Appendix CT-001-000/1) and the Scope and Methodology Report Addendum (Volume 5: Appendix CT-001-000/2).

Table 1: Impact assessment for CFA11

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
SMA001	Parish boundary (Ellesborough with Stoke Mandeville)	None	Not significant	Removal of a portion of a parish boundary within the land required, temporarily or permanently, for construction of the Proposed Scheme. This will be a permanent change that will have no appreciable impact on the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA002	Historic hedgerow to the west of Stoke Grove Farm	Historically important hedgerow	Moderate	A section of hedgerow will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA003	Demolished St Mary's Church and associated enclosure, deserted medieval settlement, possible mill(s) and fishponds	None	High	Archaeological remains of a medieval church (and possibly earlier) with associated graveyard and probably medieval (and earlier) village and mills will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.	High adverse	Major adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA004	Site north-east of St Mary's Church	None	Moderate	Archaeological remains of prehistoric/Romano-British date will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA005	Historic hedgerow to the north east of Stoke Grove Farm	Historically important hedgerow	Moderate	A section of hedgerow will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA006	Moated site at Stoke House	None	Moderate	Minor drainage works at the edge of the land required, temporarily or permanently, for construction of the Proposed Scheme may affect buried remains associated with these moats and ponds. This will have no appreciable impact on the value of the asset.	Minimal adverse	Minor adverse	The construction impact of the Proposed Scheme will remain. There will be no additional impact as a result of operation, and as such there will be no in combination effects upon the value of the asset.	No change	Neutral
SMA007	Stoke House	One Grade II listed building	Moderate	Construction phase activities will impinge on the setting of the listed building and its associated grounds/outbuildings through intermittent changes to the soundscape and high visibility of construction activities within the asset's southerly aspect over a period of approximately three years). This will noticeably affect the ability to understand and appreciate this asset within its historical landscape context. Stoke House will be severed from its rural hinterland to the south by the insertion of the Proposed Scheme including maintenance loop. The Proposed Scheme and maintenance loop will be visible from the house and lit at night. The setting of this asset will be noticeably different affecting its value.	Temporary high adverse Permanent medium adverse	Temporary major adverse Permanent moderate adverse	Stoke House will experience changes to setting from the movement and associated increase in noise of passing trains. This will constitute a medium adverse impact resulting in a moderate adverse effect. In combination with the permanent construction impacts of the Proposed Scheme this will result in a high adverse effect resulting in a major adverse effect.	Operational medium adverse Combined high adverse	Operational moderate adverse Combined major adverse
SMA008	Historic hedgerow to the south of the former St Mary's Church	Historically important hedgerow	Moderate	A section of hedgerow will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
SMA009	Romano-British features on Risborough Road	None	Moderate	Construction of the Stoke Mandeville by-pass will totally remove archaeological remains at this location within the land required to construct the Proposed Scheme.	High adverse	Major adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA010	Medieval village earthworks to the south of Stoke Mandeville	None	Moderate	Construction phase activities will impinge on the setting of the deserted medieval village earthworks through intermittent changes to the soundscape and high visibility of construction activities to the south of the asset over a period of approximately three years.. This will noticeably affect the ability to understand and appreciate this asset.	Temporary medium adverse	Temporary moderate adverse	This asset lies within an area that will experience changes to its setting due to the movement and associated increase in noise of passing trains. This will noticeably affect the ability to appreciate this This will constitute a medium adverse impact resulting in a moderate adverse effect.	Medium adverse	Moderate adverse
				The Proposed Scheme will be screened from this asset by landscaping.	Permanent no change	Permanent neutral			
SMA011	Stoke Mandeville	17 Grade II listed buildings	Moderate	Temporary construction phase activities will intermittently impinge on the setting of Stoke Mandeville over a period of approximately three years through some visual changes within the southerly aspect across historic enclosures. These changes to the setting will not appreciably affect the ability to understand and appreciate this asset within its historical context and setting.	Temporary minimal adverse	Temporary minor adverse	The construction effect remains and there will be no further impact.	No change	Neutral
				Movement of traffic away from the centre of the village onto the Stoke Mandeville by-pass will relieve the historic core of some of the present stress on its historic integrity and therefore enhance its setting.	Permanent minimal beneficial	Permanent minor beneficial			
SMA012	Moated site near Brook Cottage	None	Moderate	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMA013	Brook Cottage	One Grade II listed building	Moderate	Temporary construction phase activities will intermittently impinge on the setting of the Listed building and its associated grounds/outbuildings through visibility of construction to the south of the asset over a period of approximately three years. This will have a slight impact on the ability to understand and appreciate this asset within its historical landscape context.	Temporary low adverse	Temporary minor adverse	The construction effect remains and there will be no further impact.	No change	Neutral
				The agricultural landscape to the south of the asset will be severed. This will have a slight impact on the ability to understand and appreciate this asset within its historical context and setting.	Permanent low adverse	Permanent minor adverse			
SMA014	Historic hedgerow parallel (south) of Marsh Lane	Historically important hedgerow	Moderate	A section of hedgerow will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA15	Historic hedgerow to the south of Marsh Lane	Historically important hedgerow	Moderate	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMA016	Historic hedgerow adjacent to Marsh Lane	Historically important	Moderate	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme	No change	Neutral	No impact on value	No change	Neutral

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
		hedgerow		and will not be affected.					
SMA017	Princes Risborough railway branch	None	Low	The vertical alignment of the railway will be changed affecting existing infrastructure and potentially buried remains of former railway features. This will have no appreciable impact on the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA018	Historic hedgerow to the north of Marsh Lane	Historically important hedgerow	Moderate	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMA019	Historic hedgerow to the north of Marsh Lane on the south side of the railway line	Historically important hedgerow	Moderate	A section of hedgerow will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA020	Historic hedgerow to the north of Marsh Lane on the north side of the railway line	Historically important hedgerow	Moderate	A section of hedgerow will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA021	Parish Boundary (Stoke Mandeville with Stone with Bishopstone and Hartwell)	None	Not significant	Removal of a portion of a parish boundary within the land required, temporarily or permanently, for construction of the Proposed Scheme. This will be a permanent change that will have no appreciable impact on the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA022	Old Moat Farmhouse and associated archaeology	One Grade II listed building	Moderate	Temporary construction activities will be intermittently visible within the agricultural landscape to the south of Old Moat Farmhouse over a period of approximately three years.. The changes in the local soundscape in particular will noticeably affect the ability to understand and appreciate this asset within its historic landscape context.	Temporary medium adverse	Temporary moderate adverse	Old Moat Farmhouse will experience changes to its setting from the movement and associated increase in noise of passing trains. This will constitute a medium adverse impact resulting in a moderate adverse effect	Medium adverse	Moderate adverse
				Old Moat Farmhouse is mainly screened to its south by modern buildings and the Proposed Scheme will be further hidden by plantings. The presence of the Proposed Scheme within the agricultural landscape to the south of Old Moat Farm will have no appreciable impact on the ability to understand or appreciate this asset within its historical landscape context.	Permanent minimal adverse	Permanent minor adverse			
SMA023	Hall End Farmhouse and associated archaeology	One Grade II listed building	Moderate	Hall End will have temporary construction activities intermittently visible within 100m to its west for by-pass construction and 400m to its south for construction of the Proposed Scheme over a period of approximately three years. These changes will have a noticeable impact on the ability to understand and appreciate this asset within its historic landscape context.	Temporary medium adverse	Temporary moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
				The insertion of the by-pass into the agricultural landscape to the west of Hall End will sever the asset from its agricultural setting on this side and impinge on views from the asset's front elevation. The setting of the	Permanent medium adverse	Permanent moderate adverse			

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				asset will be noticeably different affecting its value through changes in our ability to understand and appreciate the asset in its historical context and setting.					
SMA024	Weston Turville	Scheduled monument Conservation area Listed buildings	High	Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral
SMA025	The Prince of Wales Public House	One Grade II listed building	Moderate	Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral
SMA026	Marsh Moat	Scheduled monument	High	Construction will not affect the buried archaeology, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral
SMA027	Area to south-west of Stoke Mandeville Hospital	None	Moderate	Removal of buried archaeological remains during construction of the Stoke Mandeville by-pass will noticeably alter the value of this asset.	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA028	Parish boundary (Ellesborough with Great and Little Kimble cum Marsh).	None	Not significant	Removal of a portion of a parish boundary within the land required, temporarily or permanently, for construction of the Proposed Scheme. This will be a permanent change that will have no appreciable impact on the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA029	Tetlow	None	Moderate	Construction will not affect the buried archaeology, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral
SMA030	Standalls Farm	One Grade II listed building	Moderate	Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral
SMA031	Ridge and furrow around Standalls Farm	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMA032	Parish boundary (Stoke Mandeville with Aylesbury)	None	Not significant	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMA033	Parish boundary (Stone with Bishopstone and Hartwell with Aylesbury)	None	Not significant	Removal of a portion of a parish boundary within the land required, temporarily or permanently, for construction of the Proposed Scheme. This will be a permanent change that will have no appreciable impact on the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA034	Area between Walton Court and Bishopstone	None	Moderate	Buried archaeological remains will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme. This will totally alter the value of this asset.	High adverse	Major adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA035	Walton Court	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme	No change	Neutral	No impact on value	No change	Neutral

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				and will not be affected.					
SMA036	Historic hedgerow to the north of Standall's Farm	Historically important hedgerow	Moderate	A section of hedgerow will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA037	Historic hedgerow parallel with stream north of Standall's Farm	Historically important hedgerow	Moderate	A section of hedgerow will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA038	Bridge at Walton Court	None	Low	This asset lies at the extremity of the land required, temporarily or permanently, for construction of the Proposed Scheme. It is possible that buried remains of this feature will be impacted altering the ability to understand it.	Medium adverse	Minor adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA039	Bishopstone	Conservation area Fourteen Grade II listed buildings	Moderate	Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral
SMA040	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED
SMA041	Sedrup	Conservation area Seven Grade II listed buildings	Moderate	Temporary construction activities will be intermittently visible within the agricultural landscape to the north of Sedrup over a period of approximately three years. These changes will noticeably affect the ability to understand and appreciate this asset within its historic landscape context. The Proposed Scheme will be partially visible within the agricultural landscape to the north of Sedrup. This will have no appreciable effect on the ability to understand or appreciate this asset within its historic landscape context.	Temporary medium adverse Permanent minimal adverse	Temporary moderate adverse Permanent minor adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA042	Archaeological remains in the area of Locke's Pit	None	Moderate	Buried archaeological remains will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme. Within the quarried area this removal may (if at all) be restricted to potential Pleistocene remains within gravel or head deposits. To the south of the quarried area archaeological deposits of all periods will probably be well preserved. Removal of archaeological deposits in this area will totally alter the value of the asset.	High adverse	Major adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA043	Sedrup POW Camp	None	Not significant	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMA044	Glebe House	One Grade II listed building	Moderate	Demolition of Listed building and associated buildings within its grounds.	High adverse	Major adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA045	The Bugle Horn	One Grade II listed building	Moderate	Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral
SMA046	Ridge and furrow to	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme	No change	Neutral	No impact on value	No change	Neutral

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
	south of Sedrup			and will not be affected.					
SMA047	Ridge and furrow to north of Sedrup	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMA048	Aylesbury	Conservation area Listed buildings	High	Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral
SMA049	The Old School House Cottage	One Grade II listed building	Moderate	Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral
SMA050	Hartwell House and Parkland	Grade II* Registered Park and Garden Conservation area One Grade I listed building Four Grade II* listed buildings 16 Grade II listed buildings	High	Temporary construction activities will be intermittently visible and audible within the outer park that was added after 1850. Construction activities will also be intermittently audible and partially visible from within the inner park around Hartwell House which alongside the avenue is one of the most important elements of the parkland. Construction activities and temporary stockpiling will be visible in the view north from Hartwell House along the avenue. These changes will comprehensively alter the ability to understand and appreciate the park as a designed landscape. Approximately 50 metres of the perimeter wall of the parkland, which is considered to be curtilage listed, will be demolished during the construction of the Proposed Scheme. This will result in a disruption of the designed boundary of the Hartwell parkland The presence of the Proposed Scheme within the registered park and garden and conservation area will effectively remove the section added in the 1850s as well as severing the avenue to the north of Hartwell House. Although the scheme will not be visible within the key view from Hartwell House along the avenue, the avenue will be physically severed preventing pedestrian access along the entire avenue. This severance and removal of parkland character will comprehensively alter the parkland.	Temporary high adverse Permanent high adverse	Temporary major adverse Permanent major adverse	Hartwell House and the inner park that immediately surrounds it will experience changes to its setting from the movement and associated increase in noise of passing trains. This will have a noticeable impact on the ability to understand and appreciate this asset within its historic landscape context. This will constitute a medium adverse impact resulting in a moderate adverse effect. In combination with the permanent construction impacts of the Proposed Scheme this will result in a high adverse effect resulting in a major adverse effect.	Operational medium adverse Combined high adverse	Operational major adverse Combined major adverse
SMA051	Stone	18 Grade II listed buildings	Moderate	Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral
SMA052	Upper Hartwell	Conservation area Two Grade II listed buildings	Moderate	There will be some constrained and intermittent views towards the Proposed Scheme and potential changes to soundscape during construction. This will have a slight impact on our ability to understand and appreciate the asset within its historical context and setting. The Proposed Scheme will be mainly screened from Upper Hartwell or hidden within the Whaddon Hill cutting. There will be no appreciable change in the ability to understand or appreciate this asset in its historical	Temporary low adverse Permanent minimal adverse	Temporary minor adverse Permanent negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				landscape context					
SMA053	Lower Hartwell	Conservation area Six Grade II listed buildings	Moderate	Construction activities will be intermittently visible and audible and the Proposed Scheme will be visible within the parkland to the east and north-east of Lower Hartwell. This will alter the historical legibility and coherence intrinsic to the setting of Lower Hartwell. The setting will be noticeably changed affecting our ability to understand this asset in its historical context and setting. The Proposed Scheme will be mainly screened from Lower Hartwell. There will be no appreciable change in the ability to understand or appreciate this asset in its historical landscape context.	Temporary medium adverse Permanent minimal adverse	Temporary moderate adverse Permanent negligible adverse	Lower Hartwell will experience changes to its setting due to the movement and associated increase in noise from passing trains.. This will have a noticeable impact on the ability to understand and appreciate this asset within its historic landscape context. This will constitute a medium adverse impact resulting in a moderate adverse effect.	Medium adverse	Moderate adverse
SMA054	Medieval settlement at Hartwell	None	Moderate	Archaeological remains will be removed within the land required to construct the Proposed Scheme which will totally alter the value of the asset.	High adverse	Major adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA055	Ellen Road	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMA056	Parish boundary (Stone with Bishopstone and Hartwell with Coldharbour)	None	Not significant	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMA057	Parish boundary (Stone with Coldharbour with Aylesbury)	None	Not significant	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMA058	Coldharbour Farm	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMA059	South of Coldharbour Farm	None	Low	Planting will occur in an area already truncated by levelling to create playing fields. This will have no appreciable impact on the value of this asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA060	Coldharbour Farmhouse	One Grade II listed building Grade II	Moderate	Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral
SMA061	Whaddon Hill Farmhouse	One Grade II listed building	Moderate	Visibility of construction activities will be limited from Whaddon Hill Farmhouse although they will be intermittently visible in long views to and from the farmhouse. The local farm track will also be used for access. These changes will slightly affect the ability to understand or appreciate this asset in its historical context and setting. The Proposed Scheme will be within the Whaddon Hill cutting. The ability to understand or appreciate this asset in its historical landscape context will not be appreciably	Temporary low adverse Permanent minimal adverse	Temporary minor adverse Permanent negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				impacted.					
SMAo62	Possible medieval site in the north of Hartwell Park	None	Moderate	Approximately 30% of the buried remains comprising this asset will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme. This will noticeably change the value of the asset.	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMAo63	Haydon Hill	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMAo64	Haydon Mill	One Grade II listed building	Moderate	There will be no views of construction activities to or from Haydon Mill. Planting will re-establish part of the northern end of the avenue associated with Hartwell Park. These changes will enhance the ability to understand and appreciate the asset in its historical context and setting.	Temporary no change Permanent slight beneficial	Temporary neutral Permanent minor beneficial	The construction effect remains and there will be no further impact.	No change	Neutral
SMAo65	Parish boundary (Stone with Bishopstone and Hartwell with Fleet Marston)	None	Not significant	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMAo66	Abbynts Mill	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMAo67	Ridge and furrow at Lower Hartwell	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMA68	Historic hedgerow adjacent to the stream south of Putlowes Farm	Historically important hedgerow	Moderate	A section of hedgerow will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMAo69	Parish boundary (Waddesdon with Fleet Marston)	None	Not significant	Removal of a portion of a parish boundary within the land required, temporarily or permanently, for construction of the Proposed Scheme. This will be a permanent change that will have no appreciable impact on the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMAo70	Eythrope Park	Registered park and garden	Moderate	The bulk of the registered park, including the principal elements that lie at its core, lies beyond a ridgeline from the Proposed Scheme. Only the very northern edge (which is predominantly an agricultural landscape) will be affected by changes to its setting by having construction of the Proposed Scheme visible in the agricultural landscape between it and the A41. These changes will have no appreciable impact on the understanding or appreciation of this asset. The presence of the Proposed Scheme within the agricultural landscape between the northern periphery of	Temporary minimal adverse	Temporary minor adverse	The construction effect remains and there will be no further impact.	No change	Neutral

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				the park and the A41 will not affect the fabric, setting or appreciation of the asset to an appreciable degree.	Permanent minimal adverse	Permanent negligible adverse			
SMA071	Eythrope deserted medieval village	Scheduled monument	High	Construction will not affect the buried archaeology, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral
SMA072	Parish boundary (Fleet Marston with Quarrendon)	None	Not significant	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMA073	Parish boundary (Aylesbury with Quarrendon)	None	Not significant	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMA074	Fleet Marston Romano-British small town	None	High	Buried archaeological remains of a Romano-British small town and other remains will be removed within the land required, temporarily or permanently for construction of the Proposed Scheme. This will totally alter the value of the asset.	High adverse	Major adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA075	Roman road leading south-west from Fleet Marston	None	Moderate	Part of SMA074 Fleet Marston Romano-British small town.	See SMA074	See SMA074	See SMA074.	See SMA074	See SMA074
SMA076	Akeman Street	None	Moderate	Part of SMA074 Fleet Marston Romano-British small town.	See SMA074	See SMA074	See SMA074.	See SMA074	See SMA074
SMA077	Berryfields, Billingsfield and Aylesbury Vale Parkway	None	Moderate	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMA078	Quarrendon deserted medieval village	Scheduled monument	High	Construction will not affect the buried archaeology, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral
SMA079	Roman road to north of Putlowes	None	High	Part of SMA074 Fleet Marston Romano-British small town.	See SMA074	See SMA074	See SMA074.	See SMA074	See SMA074
SMA080	Roman leading north-west from Putlowes	None	High	Part of SMA074 Fleet Marston Romano-British small town.	See SMA074	See SMA074	See SMA074.	See SMA074	See SMA074
SMA081	Roman road passing south from Putlowes Cottages	None	High	Part of SMA074 Fleet Marston Romano-British small town.	See SMA074	See SMA074	See SMA074.	See SMA074	See SMA074
SMA082	Roman road leading north from Putlowes Cottages	None	Moderate	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMA083	Roman road leading north from Fleet Marston past Wayside Farm	None	Moderate	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMA084	Roman road leading west from the mound	None	High	Part of SMA074 Fleet Marston Romano-British small town.	See SMA074	See SMA074	See SMA074.	See SMA074	See SMA074

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
	to the west of Putlowes								
SMAo85	St Mary's Church, Fleet Marston	One Grade II* listed building	Moderate	<p>This asset lies to the north of the busy A41. The church also lies secluded within a copse of trees. Temporary construction activities will be intermittently visible over a period of approximately two years but these will have no appreciable impact on ability to understand and appreciate this asset within its historical context and setting.</p> <p>The presence of the Proposed Scheme to the south-west of the A41 will not affect the fabric, setting or appreciation of the asset to a degree that appreciably detracts from its value.</p>	<p>Temporary minimal adverse</p> <p>Permanent minimal adverse</p>	<p>Temporary minor adverse</p> <p>Permanent negligible adverse</p>	The construction effect remains and there will be no further impact.	No change	Neutral
SMAo86	Berryfield Farmhouse	One Grade II listed building	Moderate	Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral
SMAo87	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED
SMAo88	Putlowes Farm	None	Low	<p>Putlowes Farm lies adjacent to the land required, temporarily or permanently for construction of the Proposed Scheme. Construction activities will be visible and audible intermittently over a period of approximately three years. These changes will have a noticeable impact on the ability to understand and appreciate this asset within its historic landscape context..</p> <p>The presence of the Proposed Scheme within the agricultural landscape associated with Putlowes Farm will effectively sever the farm from much of its setting and in particular the surviving elements of ridge and furrow (SMAo93) that may be associated with a medieval township at Putlowes. The changes will be such that the setting will be noticeably different affecting the historical legibility and coherence of the asset within its setting and our ability to understand it within its historical context.</p>	<p>Temporary medium adverse</p> <p>Permanent medium adverse</p>	<p>Temporary minor adverse</p> <p>Permanent minor adverse</p>	Putlowes Farm will experience changes to its setting due to the movement and associated increase on noise of passing trains. This will have a noticeable impact on the ability to understand and appreciate this asset within its historic landscape context. This will constitute a medium adverse impact resulting in a minor adverse effect. In combination with the permanent construction impacts of the Proposed Scheme this will result in a medium adverse effect resulting in a minor adverse effect.	<p>Operational high adverse</p> <p>Combined high adverse</p>	<p>Operational moderate adverse</p> <p>Combined moderate adverse</p>
SMAo89	Enclosures south of Fleet Marston Cottages	None	Moderate	Removal of archaeological remains within the land required for construction of the Proposed Scheme will totally alter the value of this asset.	High adverse	Major adverse	The construction impact of the Proposed Scheme will remain. There will be no additional impact as a result of operation, and as such there will be no in combination effects upon the value of the asset.	No change	Neutral
SMAo90	Wayside Farm	None	Moderate	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMAo91	Fleet Marston Farmhouse	One Grade II listed building	Moderate	<p>This asset lies to the north of the busy and is screened by shelterbelt. Temporary construction activities will be intermittently visible over a period of approximately two years but these will have no appreciable impact on ability to understand and appreciate this asset within its historical context and setting.</p> <p>The presence of the Proposed Scheme to the south-west of the A41 will not affect the fabric, setting or</p>	<p>Temporary minimal adverse</p> <p>Permanent</p>	<p>Temporary minor adverse</p> <p>Permanent</p>	The construction effect remains and there will be no further impact.	No change	Neutral

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				appreciation of the asset to a degree that appreciably detracts from its value.	minimal adverse	negligible adverse			
SMAo92	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED	NUMBER NOT USED
SMAo93	Ridge and Furrow at Putlowes	None	Low	See SMAo88 Putlowes Farm. In addition this will remove part of the setting of Putlowes Farm (SMAo88).	See SMAo88	See SMAo88	See SMAo88	See SMAo88	See SMAo88
SMAo94	Historic hedgerow north east of Cranwell Farm	Historically important hedgerow.	Moderate	A section of hedgerow will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMAo95	Millhouse Farm	Built heritage	Low	This asset lies adjacent to the land required, temporarily or permanently, for construction of the Proposed Scheme and construction activities will be intermittently visible over a period of approximately three years. The agricultural landscape that forms the setting of this asset will be noticeably changed by the presence of the Proposed Scheme within it.	Temporary medium adverse Permanent medium adverse	Temporary minor adverse Permanent minor adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMAo96	Stoke Mandeville village envelope	None	Moderate	The land required for construction of the Proposed Scheme lies immediately adjacent and to the south of this asset. Construction activities will be intermittently visible and audible from the southern periphery of this landscape component over a period of approximately three years. This will noticeably change our ability to understand and appreciate this component within its historic landscape context. The Proposed Scheme lies within a parliamentary enclosure landscape that contributes little to the value of this asset and will in addition be screened by landscaping and planting. There will be no impact on the ability to understand or appreciate this asset within its historic landscape context.	Temporary medium adverse Permanent no change	Temporary moderate adverse Permanent neutral	This asset will experience changes to its setting due to the movement and associated increased noise of passing trains. This will have a noticeable impact on the ability to understand and appreciate the historic landscape context of the asset. This will constitute a medium adverse impact resulting in a moderate adverse effect.	Medium adverse	Moderate adverse
SMAo97	St Marys Church Stoke Mandeville landscape	None	Moderate	The landscape associated with the demolished St Mary's Church at Stoke Mandeville will be almost entirely removed by construction of the Stoke Mandeville south embankment and maintenance loop. The coherence and legibility of the historic landscape character of this area will be comprehensively altered.	High adverse	Major adverse	The construction effect remains (the landscape will have largely been removed during construction) and there will be no further impact.	No change	Neutral
SMAo98	Possible Roman road to south of Stoke Maneville	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
SMAo99	Whitehorn Farm	None	Low	This asset will experience intermittent changes to its local soundscape during construction over a period of approximately three years. This will have a noticeable impact on the ability to understand and appreciate the historic landscape context of the asset. This will constitute a medium adverse impact resulting in a minor	Temporary medium adverse	Temporary minor adverse	This asset will experience changes to its setting due to the movement and associated increase in noise of passing trains (. This will have a noticeable impact on the ability to understand and appreciate the historic landscape context of the asset. This will constitute a medium adverse impact	Medium adverse	Minor adverse

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				adverse effect. The Proposed Scheme will be screened by landscaping and planting. There will be no changes in its setting that impact on the value of the asset	Permanent no change	Permanent neutral	resulting in a minor adverse effect.		
SMA100	Sedrup landscape	None	Moderate	The Sedrup landscape will have construction activities visible to its north over a period of three years. Construction of the Aylesbury embankment, re-alignment of the A418 Oxford Road, Aylesbury north cutting and associated temporary spoil storage and establishment of landscaping will noticeably affect the ability to understand and appreciate this landscape component in its historic landscape context. The Proposed Scheme, including the A418 Oxford Road diversion and Aylesbury embankment will be partially visible although landscaping and planting will alleviate the visual intrusion into the agricultural landscape. The changes will slightly affect the ability to understand and appreciate this historic landscape component in context.	Temporary medium adverse Permanent low adverse	Temporary moderate adverse Permanent minor adverse	The construction effect remains and there will be no further impact.	No change	Neutral
SMA101	Park Villa, Hartwell Cottage and the Oaks	None	Low	This asset will experience intermittent changes to its local soundscape during construction. Construction of the re-aligned A418 Oxford Road will disrupt their connection with the rural hinterland to their south that contributes to their value. This will have a noticeable impact on the ability to understand and appreciate the historic landscape context of the asset. The A418 will have been re-aligned taking traffic away from the avenue adjacent to Hartwell Park (SMA050) and into the agricultural landscape to the south of these houses. This will take traffic further from these houses but into an area where it will be visible within the agricultural landscape that contributes to their value as part of their setting. This will slightly affect the ability to understand and appreciate these houses within their historic landscape context.	Temporary medium adverse Permanent low adverse	Temporary minor adverse Permanent minor adverse	This asset will experience changes to its setting due to the movement and associated increase in noise from passing trains. This will have a noticeable impact on the ability to understand and appreciate the historic landscape context of the asset. This will constitute a medium adverse impact resulting in a minor adverse effect.	Medium adverse	Minor adverse